

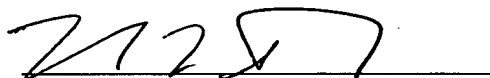
Claims 2, 3-6, 9-16, 18, 19 and 20 have been deleted. Claims 1, 7, 8 and 17 have been amended. Claims 21-23 have been added. Claims 1, 7-8, 17 and 21-23 remain in prosecution.

It is believed that the moieties recited in amended claims 1 and 17 and added claim 21 represent the agreed upon election of species set forth in the Examiner Interview Summary Record.

Enclosed herewith is a marked-up version of the changes made to the claims by the current amendment. The enclosed page is captioned **VERSION WITH MARKINGS TO SHOW CHANGES MADE**. Also enclosed herewith is an Information Disclosure Statement.

Examination on the merits is now respectfully requested.

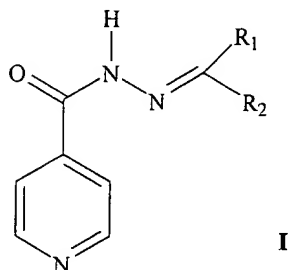
Respectfully submitted



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**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

1. (Amended) An antimycobacterial compound [which comprises] of the formula:



wherein R<sub>1</sub> is H; and

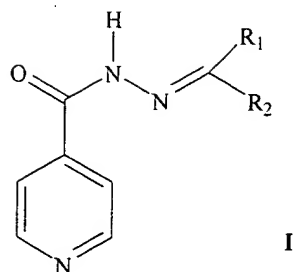
R<sub>2</sub> is [C<sub>3</sub> to C<sub>14</sub> alkyl, C<sub>3</sub> to C<sub>10</sub> substituted alkyl, C<sub>2</sub> to C<sub>10</sub> alkenyl, C<sub>2</sub> to C<sub>9</sub> substituted alkenyl, C<sub>2</sub> to C<sub>9</sub> substituted dialkenyl, C<sub>3</sub> to C<sub>7</sub> cycloalkyl, C<sub>3</sub> to C<sub>7</sub> substituted cycloalkyl, phenyl, substituted phenyl, C<sub>7</sub> to C<sub>16</sub> phenylalkyl, C<sub>7</sub> to C<sub>16</sub> substituted phenylalkyl, benzyl, substituted benzyl, naphthyl, substituted naphthyl, heterocycle, substituted heterocycle, halo, hydroxy, amino, or carboxy] phenyl substituted with 1 to 3 substituents selected from the group consisting of a halogen, a hydroxyl, a methoxy, a benzyloxy, a phenoxy, a trifluoromethyl, an isopropyl, and a thiomethyl group, naphthyls and substituted naphthyls

or a pharmaceutically acceptable salt thereof [or a pharmaceutically acceptable salt thereof; or a pharmaceutical isomer thereof; or a combination of the same].

7. (Amended) The antimycobacterial compound according to claim 21 where R<sub>1</sub>,R<sub>2</sub> is (CH<sub>2</sub>)<sub>4</sub>, (CH<sub>2</sub>)<sub>6</sub>, 4-C<sub>6</sub>H<sub>8</sub>NNHCO-4-C<sub>5</sub>H<sub>4</sub>N.

In claim 8, please delete "1" after "claim" and insert therefor - - 21 - - .

17. (Amended) A method for producing an antimycobacterial compound [comprising] of the formula [of]:



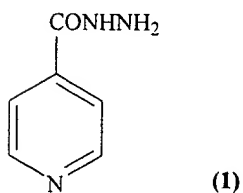
wherein  $R_1$  is H [or  $\text{CH}_3$ ]; and

wherein  $R_2$  is [ $\text{C}_1$  to  $\text{C}_{14}$  alkyl,  $\text{C}_2$  to  $\text{C}_{10}$  substituted alkyl,  $\text{C}_2$  to  $\text{C}_{10}$  alkenyl,  $\text{C}_2$  to  $\text{C}_9$  substituted alkenyl,  $\text{C}_2$  to  $\text{C}_9$  substituted dialkenyl,  $\text{C}_3$  to  $\text{C}_7$  cycloalkyl,  $\text{C}_3$  to  $\text{C}_7$  substituted cycloalkyl, phenyl, substituted phenyl,  $\text{C}_7$  to  $\text{C}_{16}$  phenylalkyl,  $\text{C}_7$  to  $\text{C}_{16}$  substituted phenylalkyl, benzyl, substituted benzyl, naphthyl, substituted naphthyl, heterocycle, substituted heterocycle, halo, hydroxy, amino, or carboxy;] phenyl substituted with 1 to 3 substituents selected from the group consisting of a halogen, a hydroxyl, a methoxy, a benzyloxy, a phenoxy, a trifluoromethyl, an isopropyl, and a thiomethyl group, naphthyls and substituted naphthyls or

wherein  $R_1R_2$  = [ $\text{C}_4$  to  $\text{C}_8$  cycloalkyl or  $\text{C}_4$  to  $\text{C}_{10}$  substituted cycloalkyl;] optionally substituted carbocyclic groups;

which comprises:

refluxing



with absolute ethanol to produce a solution;

adding a carbonyl compound comprising the formula of:



wherein  $R_3 = H$  or  $CH_3$ ; and

wherein  $R_4 = C_1$  to  $C_{14}$  alkyl,  $C_2$  to  $C_{10}$  substituted alkyl,  $C_2$  to  $C_{10}$  alkenyl,  $C_2$  to  $C_9$  substituted alkenyl,  $C_2$  to  $C_9$  substituted dialkenyl,  $C_3$  to  $C_7$  cycloalkyl,  $C_3$  to  $C_7$  substituted cycloalkyl, phenyl, substituted phenyl,  $C_7$  to  $C_{16}$  phenylalkyl,  $C_7$  to  $C_{16}$  substituted phenylalkyl, benzyl, substituted benzyl, naphthyl, substituted naphthyl, heterocycle, substituted heterocycle, halo, hydroxy, amino, or carboxy; or

wherein  $R_3R_4 = C_4$  to  $C_8$  cycloalkyl or  $C_4$  to  $C_{10}$  substituted cycloalkyl;

to the solution to produce a reaction mixture;

distilling the reaction mixture;

adding diethyl ether to the reaction mixture;

filtering the reaction mixture; and

drying the filtrate to produce **I**.